



PCT10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/089,452

DATE: 04/17/2002

TIME: 12:19:38

Input Set : A:\D2394PCTSeqList.doc

Output Set: N:\CRF3\04172002\J089452.raw

**ENTERED**

3 <110> APPLICANT: Connex Gesellschaft zur Optimierung von Forschung und Entwicklung mbH  
 5 <120> TITLE OF INVENTION: Improved Method for Detecting Acid Resistant Microorganisms  
 in the Stool

7 &lt;130&gt; FILE REFERENCE: D 2394 PCT

C--&gt; 9 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/089,452

C--&gt; 10 &lt;141&gt; CURRENT FILING DATE: 2002-03-29

12 &lt;160&gt; NUMBER OF SEQ ID NOS: 56

14 &lt;170&gt; SOFTWARE: PatentIn Ver. 2.1

16 &lt;210&gt; SEQ ID NO: 1

17 &lt;211&gt; LENGTH: 354

18 &lt;212&gt; TYPE: DNA

19 &lt;213&gt; ORGANISM: Mus musculus

21 &lt;400&gt; SEQUENCE: 1

22 gaggtgcagc tgctcgagca gcctggggct gaactggcaa aacctggggc ctcaagtgaag 60  
 23 atgtcctgca aggccttctgg ctacaccttt actaactact ggattcactg ggtgaaacag 120  
 24 aggcctggac aggggtctgaa atggattgga tacattaatc ctgccactgg ttccacttct 180  
 25 tacaatcagg actttcagga cagggccact ttgaccgcag acaagtcttc caccacagcc 240  
 26 tacatgcagc tgaccagcct gacatctgag gactcttcag tctattactg tgcaagagag 300  
 27 gggtagcagc ggtttgactc ctggggccaa ggcaccactc tcacagtctc ctca 354

30 &lt;210&gt; SEQ ID NO: 2

31 &lt;211&gt; LENGTH: 318

32 &lt;212&gt; TYPE: DNA

33 &lt;213&gt; ORGANISM: Mus musculus

35 &lt;400&gt; SEQUENCE: 2

36 gagctcgtgc tcacccagtc tccagcaatc atgtctgcat ctccagggga gaaggtcacc 60  
 37 atgacctgca gtgccagctc aagtgtaaat tacatgtact ggtaccagca gaagtcaggc 120  
 38 acctccccc aaagatggat ttatgacaca tccaaattgg cttctggagt cctgctcgc 180  
 39 ttcaagtggc gtgggtctgg gacctcttac tctctcacac tcagcagcat ggaggctgaa 240  
 40 gatgccgcca cttattactg ccagcagtgg agtagtaatc cgtacacgtt cggagggggg 300  
 41 accaagctgg agataaaa 318

44 &lt;210&gt; SEQ ID NO: 3

45 &lt;211&gt; LENGTH: 360

46 &lt;212&gt; TYPE: DNA

47 &lt;213&gt; ORGANISM: Mus musculus

49 &lt;400&gt; SEQUENCE: 3

50 gaggttcagc tgcagcagtc tggggcagag cttgtgaagc ctggggcctc agtcaagttg 60  
 51 tctgcacat cttctggctt caacattaaa gacacctatg tgcactggat gaaacagagg 120  
 52 cctgaacagg gcctggagtg gattggaaag attgatcctg cgaatggtaa aactaaatat 180  
 53 gacccgatat tccaggccaa ggccactatg acagcagacg catcctccaa tacagcctac 240  
 54 ctgcaactca gcagcctgac ttctgaggac actgcogtct attactgtgc tctccccatt 300  
 55 tattacgcta gttcctgggt tgcctactgg ggccaaggga ctctgggtcac tgtctctgca 360

58 &lt;210&gt; SEQ ID NO: 4

59 &lt;211&gt; LENGTH: 318

60 &lt;212&gt; TYPE: DNA

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61 &lt;213&gt; ORGANISM: Mus musculus

63 &lt;400&gt; SEQUENCE: 4

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64 gacattgtga tgacccagtc tcacaaattc atgtccacat cagtaggaga cagggtcagc 60
65 atcacctgca aggccagtc ggaatgtgggt acttctgttg cctgggtatca acagaaacct 120
66 gggcactctc cttaaattact gatttactgg acatccacc gccacactgg agtccctgat 180
67 cgcttcacag gcagtggtatc tgggacagat ttcattctca ccattagcaa tgtgcagtct 240
68 gaagacttgg cagattattt ctgtcagcaa tatagcagct ctcccacgtt cggagggggg 300
69 gccaaaggtgg aaataaaa
318

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72 &lt;210&gt; SEQ ID NO: 5

73 &lt;211&gt; LENGTH: 321

74 &lt;212&gt; TYPE: DNA

75 &lt;213&gt; ORGANISM: Mus musculus

77 &lt;400&gt; SEQUENCE: 5

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78 gacatcttgc tgactcagtc tccagccatc ctgtctgtga gtccaggaga aagagtcagt 60
79 ttctcctgca gggccagtc gagcattggc acaagaatac actggtatca acaaagaaca 120
80 aatggttctc caaggcttct cataaagtat ggttctgagt ctatctctgg gatcccttcc 180
81 aggtttagtg gcagtggtatc agggacagat tttagtctta gcacaaacag tgtcgagtct 240
82 gaagatattg cagattatta ctgtcaacaa agtaatacct ggccgctcac gttcgggtgct 300
83 gggaccaagc tggagctgaa a
321

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86 &lt;210&gt; SEQ ID NO: 6

87 &lt;211&gt; LENGTH: 369

88 &lt;212&gt; TYPE: DNA

89 &lt;213&gt; ORGANISM: Mus musculus

91 &lt;400&gt; SEQUENCE: 6

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92 gaggtgcagc tgctcgagca gtctggagct gagctgggtga agcctggggc ctcagtgaag 60
93 atttcctgca aggttcttgg ctacgcattc agtacctcct ggatgaactg ggtgaaacag 120
94 aggcctggaa aggttcttga gtggattgga cggatttata ctggagatgg agatacta 180
95 tacaatggga agttcaaggg caaggccaca ctgactgcag acaaatcctc cagcaca 240
96 tacatgcaac tcaacagcct gacatctgag gactctgcgg tctacttctg tgtaagagag 300
97 gatgcctatt atagtaaccc ctatagtttg gactactggg gtcaaggaac ctcagtcacc 360
98 gtctcctca
369

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101 &lt;210&gt; SEQ ID NO: 7

102 &lt;211&gt; LENGTH: 321

103 &lt;212&gt; TYPE: DNA

104 &lt;213&gt; ORGANISM: Mus musculus

106 &lt;400&gt; SEQUENCE: 7

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107 gagctccaga tgacccagtc tccatccagt ctgtctgcat cccttggaga cacaattac 60
108 atcacttgcc atgccagtc gaacattaat gtttggttaa gctgggtatca c 120
109 ggagatatcc ctaaactatt gatctataag gttccaact tgcacacagc cgtcttca 180
110 aggttttagt gcagtggtatc tggaaacaggt ttcacattag tcatcagcag cctgcagcct 240
111 gaagacattg ccacttacta ctgtcaacag ggtcgaagtt atcctctcac gttcgggtgct 300
112 gggaccaagc tggagctgaa a
321

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115 &lt;210&gt; SEQ ID NO: 8

116 &lt;211&gt; LENGTH: 354

117 &lt;212&gt; TYPE: DNA

118 &lt;213&gt; ORGANISM: Mus musculus

120 &lt;400&gt; SEQUENCE: 8

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121 gaggtgcagc tgctcgagga gtctggggga ggcttagtga agcctggagg gtccctgcaa 60
122 ctctcctgtt cagcctctgg attcactttc agtagccatt tcatgtcttg gtttcgcaa 120

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123 actccagaga agaggctgga gtgggtcgca tccattagta gtggtggtga cagtttctat 180
124 ccagacagtc tgaagggccg attcgccatc tccagagata atgccaggaa catcctgttc 240
125 ctgcaaata gacagtctgag gtctgaggac tcggccatgt atttctgtac aagagactac 300
126 tcttggtatg ctttggaacta ctggggtcaa ggaacctcag tcaccgtctc ctca      354
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 5
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
137 <400> SEQUENCE: 9
138 Asn Tyr Trp Ile His
139   1           5
142 <210> SEQ ID NO: 10
143 <211> LENGTH: 17
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
150 <400> SEQUENCE: 10
151 Tyr Ile Asn Pro Ala Thr Gly Ser Thr Ser Tyr Asn Gln Asp Phe Gln
152   1           5           10           15
154 Asp
158 <210> SEQ ID NO: 11
159 <211> LENGTH: 8
160 <212> TYPE: PRT
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
166 <400> SEQUENCE: 11
167 Glu Gly Tyr Asp Gly Phe Asp Ser
168   1           5
171 <210> SEQ ID NO: 12
172 <211> LENGTH: 15
173 <212> TYPE: DNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
179 <400> SEQUENCE: 12
180 aactactgga ttcac                                     15
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 51
185 <212> TYPE: DNA
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
191 <400> SEQUENCE: 13
192 tacattaatc ctgccactgg ttccaattct tacaatcagg actttcagga c      51
195 <210> SEQ ID NO: 14

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Input Set : A:\D2394PCTSeqList.doc

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196 <211> LENGTH: 24
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
203 <400> SEQUENCE: 14
204 gaggggtacg acgggtttga ctcc 24
207 <210> SEQ ID NO: 15
208 <211> LENGTH: 10
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
215 <400> SEQUENCE: 15
216 Ser Ala Ser Ser Ser Val Asn Tyr Met Tyr
217 1 5 10
220 <210> SEQ ID NO: 16
221 <211> LENGTH: 7
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
228 <400> SEQUENCE: 16
229 Asp Thr Ser Lys Leu Ala Ser
230 1 5
233 <210> SEQ ID NO: 17
234 <211> LENGTH: 9
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
241 <400> SEQUENCE: 17
242 Gln Gln Trp Ser Ser Asn Pro Tyr Thr
243 1 5
246 <210> SEQ ID NO: 18
247 <211> LENGTH: 30
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
254 <400> SEQUENCE: 18
255 agtgccagct caagtgtaaa ttacatgtac 30
258 <210> SEQ ID NO: 19
259 <211> LENGTH: 21
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
266 <400> SEQUENCE: 19

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Input Set : A:\D2394PCTSeqList.doc

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267 gacacatcca aattggcttc t 21
270 <210> SEQ ID NO: 20
271 <211> LENGTH: 27
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
278 <400> SEQUENCE: 20
279 cagcagtgga gtagtaatcc gtacacg 27
282 <210> SEQ ID NO: 21
283 <211> LENGTH: 5
284 <212> TYPE: PRT
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
290 <400> SEQUENCE: 21
291 Asp Thr Tyr Val His
292 1 5
295 <210> SEQ ID NO: 22
296 <211> LENGTH: 17
297 <212> TYPE: PRT
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
303 <400> SEQUENCE: 22
304 Lys Ile Asp Pro Ala Asn Gly Lys Thr Lys Tyr Asp Pro Ile Phe Gln
305 1 5 10 15
307 Ala
311 <210> SEQ ID NO: 23
312 <211> LENGTH: 11
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
319 <400> SEQUENCE: 23
320 Pro Ile Tyr Tyr Ala Ser Ser Trp Phe Ala Tyr
321 1 5 10
324 <210> SEQ ID NO: 24
325 <211> LENGTH: 15
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Description of Artificial Sequence: CDR
332 <400> SEQUENCE: 24
333 gacacctatg tgcac 15
336 <210> SEQ ID NO: 25
337 <211> LENGTH: 51
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/089,452

DATE: 04/17/2002

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Input Set : A:\D2394PCTSeqList.doc

Output Set: N:\CRF3\04172002\J089452.raw

L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date